

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A metallic wire comprising:

an outer shell made of a first metal; and

a plurality of wire elements disposed within said shell, each said wire elements comprising a metallic shell made of a second metal, said metallic shell filled with a third metal, said plurality of wire elements being compacted together whereby no voids exist within said outer shell.

Claim 2 (original): The lead according to claim 1 wherein said first metal is biocompatible.

Claim 3 (original): The lead according to claim 1 wherein said first metal is platinum.

Claim 4 (original): The lead according to claim 1 wherein said third metal is silver.

Claim 5 (original): The lead according to claim 1 wherein said second metal is ASTM Standard F562.

Claim 6 (original): The lead according to claim 1 wherein said wire elements are twisted together into a bundle.

Claim 7 (original): The lead according to claim 1 wherein said plurality of wire elements includes at least one hollow tube.

Claim 8 (original): The lead according to claim 1 wherein at least two of said plurality of metallic shells are filled with different metals.

Claim 9 (original): The lead according to claim 8 wherein one of said metallic shells is filled with silver and another of said metallic shells is filled with tantalum.

Claim 10 (original): The lead according to claim 1 including a layer of electrically insulating material covering said outer shell.

Claim 11 (original): The lead according to claim 1 including a second outer shell covering said outer shell, said second outer shell made of a fourth metal.

Claim 12 (original): A method of making a lead, said method comprising:

providing a first tube made of a first metal, said first tube having a first diameter;

forming a plurality of wire elements into a bundle, said wire elements each comprising a metallic shell made of a second metal, said metallic shell filled with a third metal;

inserting said bundle into said first tube to form an assembly; and

thereafter drawing said assembly down to form a wire with a second diameter.

Claim 13 (original): The method according to claim 12 wherein said first metal is biocompatible.

Claim 14 (original): The method according to claim 12 wherein at least two of said wire elements are filled with different metals.

Claim 15 (original): The method according to claim 12 wherein said third metal is silver.

Claim 16 (original): The method according to claim 12 wherein said first metal is platinum.

Claim 17 (original): The method according to claim 12 wherein said second metal is ASTM Standard F562.

Claim 18 (original): The method according to claim 12 further comprising the step of, prior to said drawing step, providing a second metallic tube made of a fourth metal and inserting said assembly into said second metallic tube.

Claim 19 (original): The method according to claim 12 wherein said method further includes the step of coating said first tube with an electrically non-conductive insulating material.

Claim 20 (new): A metallic wire comprising:

an outer shell made of a first metal; and

a plurality of wire elements disposed within said shell, at least one said wire elements comprising a second metal, at least one said wire elements comprising a third metal, said plurality of wire elements being compacted together whereby no voids exist within said outer shell.

Claim 21 (new): The wire according to claim 20 wherein one of said wire elements is comprised of strands.

Claim 22 (new): The wire according to claim 21 wherein at least one of said wire elements made of said second metal comprises a tube and said tube is filled with a fourth metal.

Claim 23 (new): A method of making a composite wire, said method comprising:

providing a first tube made of a first metal, said first tube having a first diameter;

forming a plurality of wire elements into a bundle, at least one of said wire elements made of a second metal, at least one of said wire elements made of a third metal;

inserting said bundle into said first tube to form an assembly; and

thereafter drawing said assembly down to form a wire having a second diameter.

Claim 24 (new): The method of claim 23 wherein one said wire elements is comprised of strands.

Claim 25 (new): The wire according to claim 23 wherein at least one of said wire elements comprises a tube made of said second metal and said tube is filled with a fourth metal.